

UK RACING CASTINGS

Precision sand castings in magnesium or aluminium alloys from a UK foundry.

Please Note:

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Magnesium Alloy Composition

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Alloy Data Page

Magnesium cast alloys		Chemical composition
Abbreviation	Designation	(mass %)
G-MgAl8Zn1	AZ81	Aluminium 7.0 - 8.5 Zn 0.3 - 1.0 Mn 0.1 - 0.3 Mg remainder
G-MgAl9Z1	AZ91	Aluminium 8.0 - 9.5 Zn 0.3 - 1.0 Mn 0.1 - 0.3 Mg remainder
G-MgAl6	A6	Aluminium 5.5 - 6.5 Mn 0.1 - 0.4 Mg remainder
GD-MgAl6Zn1	AZ61	Aluminium 5.5 - 6.5 Zn 0.2 - 1.0 Mn 0.1 - 0.4 Mg remainder
GD-MgAl4Si1	AS41	Aluminium 4.0 - 5.0 Si 0.4 - 1.0 Mn 0.2 - 0.5 Mg remainder
G-MgZn4SE1Zr1 **)	RZ5	Zn 3.5 - 5.0 SE 0.8 - 1.7 Zr 0.4 - 1.0 Mg remainder
G-MgZn5Th2Zr1	TZ6	Zn 4.8 - 6.2 Th 1.5 - 2.0 Zr 0.4 - 1.0 Mg remainder
G-MgSE3Zn2Zr1	ZRE1	SE 2.5 - 4.0 Zn 0.8 - 3.0 Zr 0.4 - 1.0 Mg remainder
G-MgTh3Zn2Zr1	ZT1	Th 2.7 - 3.3 Zn 1.7 - 2.7 Zr 0.4 - 1.0 Mg remainder
G-MgAg3SE2Zr1 ***)	MSR	Ag 2.0 - 3.0 SE 1.8 - 2.5 Zr 0.4 - 1.0 Mg remainder